

AMENDMENTSIn the Claims:

1. (Currently Amended) A method for generating a human machine interface for an
~~operating components for operating devices of automation~~ component~~components~~,
comprising the steps of:
 - defining variables for machine operation relevant for said human machine interface;
 - engineering an automation component by means of a plurality of engineering steps in an engineering system,
 - automatically generating and storing data related to ~~a~~said human machine interface during the one or more engineering steps using the previously defined relevant variables,
 - retrieving the stored data during assembly of the ~~operating component~~ human machine interface; and
 - ~~assembling the operating component and~~generating a~~the~~ human machine interface with the aid of the retrieved data.
2. (Cancelled)
3. (Currently Amended) The method according to claim 1, ~~wherein the generation of the data comprises deriving~~ including the step of integrating servicing and/or diagnostic images into the human machine interface~~from the engineering steps.~~
4. (Currently Amended) The method according to claim 1, further comprising the step of post-processing of the generated data and/or providing of supplemental data by means of external tools and/or importation of additional information, in particular images.

BEST AVAILABLE COPY

5. (Currently Amended) The method according to claim 1, further comprising the step of updating of pre-generated data for an existing ~~operating component~~ human machine interface in the event of a change in one or more of the engineering steps.
6. (Currently Amended) The method according to claim 1, wherein the assembly of the ~~operating component~~ human machine interface is performed automatically on the basis of a determination of relevant variables by an operator in the engineering steps.
7. (Currently Amended) The method according to claim 1, wherein the data for the ~~operating component~~ human machine interface are generated and stored in a format readable to standard Internet clients, in particular XML or HTML.
8. (Currently Amended) The method according to claim 1, wherein the data for the ~~operating component~~ human machine interface are stored on an automation component[,] or outside the automation component on the ~~operating component~~ human machine interface or on a data server.
9. (Currently Amended) A device for parametrizing, commissioning and programming controllers, comprising an engineering device for the purpose of providing for an operator the engineering steps relating to parametrization, commissioning and/or programming, wherein the engineering device can be used to set ~~operating components~~ a human machine interface for ~~operating devices of an~~ automation components by defining variables for machine operation relevant for said human machine interface, generating and storing data related to ~~at the human machine interface of an operating component~~ during one or more engineering steps using the previously defined relevant variables.
10. (Cancelled)
11. (Currently Amended) The device according to claim 9, wherein the engineering device

can be used to derive for the ~~operating component~~human machine interface from the engineering steps information or servicing and/or diagnostic images on which the engineering steps are based.

12. (Previously Presented) The device according to claim 9, wherein the generated data can be post-processed by means of external tools and/or importation of additional information, in particular images.
13. (Currently Amended) The device according to claim 9, wherein the engineering device has a consistency device with the aid of which it is possible to produce automatically from an existing ~~operating component~~human machine interface a consistent ~~operating component~~human machine interface based on changes in one or more engineering steps, in particular in the case of their updating.
14. (Currently Amended) The device according to claim 9, wherein relevant variables for the ~~operating component~~human machine interface can be assembled in the engineering device by an operator in the engineering steps.
15. (Currently Amended) The device according to claim 9, wherein data for the ~~operating component~~human machine interface can be generated and stored in a format readable to standard Internet clients, in particular XML or HTML.
16. (Currently Amended) The device according to claim 9, further comprising a data server for storing data of the ~~operating component~~human machine interface, wherein the data can be accessed by one or more ~~operating devices~~human machine interfaces.

BEST AVAILABLE COPY